

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10534210
Filing Date	2006-03-17
First Named Inventor	Salas
Art Unit	1656
Examiner Name	Not yet assigned
Attorney Docket Number	4408-P03626US00

## **U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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1	Thomas, I., et al., (Jul. 2002) "Skipping in a hybrid polyketide synthase: evidence for ACP-to-ACP chain transfer," Chem. Biol. 9:781-787.	<input type="checkbox"/>
2	Tsuchiya, E., et al., (Jan. 2001) "Borrelidin inhibits a cyclin-dependent kinase (CDK), Cdc28/Cln2, of Saccharomyces cerevisiae," J. Antibiot. 54:84-90.	<input type="checkbox"/>
3	Wakasugi, K., et al., (Jan. 8, 2002) "A human aminoacyl-tRNA synthetase as a regulator of angiogenesis," Proc. Nat. Acad. Sci. USA 99:173-177.	<input type="checkbox"/>
4	Wakabayashi, T., et al., (Aug. 1997) "Borrelidin is an angiogenesis inhibitor; disruption of angiogenic capillary vessels in a rat aorta matrix culture model," J. Antibiot. 50:671-676.	<input type="checkbox"/>
5	Waldron, C., et al., (2001) "Cloning and analysis of the spinosad biosynthetic gene cluster of Saccharopolyspora spinosa," Chem. Biol. 8:487-499.	<input type="checkbox"/>
6	Wilkinson, B., et al., (Jan. 14, 2000) "Novel octaketide macrolides related to 6-deoxyerythronolide B provide evidence for iterative operation of the erythromycin polyketide synthase," Chem. Biol. 7:111-117.	<input type="checkbox"/>
7	Wu, N., et al., (Jul. 11, 2001) "Assessing the balance between protein-protein interactions and enzyme-substrate interactions in the channeling of intermediates between polyketide synthase modules," J. Am. Chem. Soc. 123: 6465-6474.	<input type="checkbox"/>
8	Xue, Y.Q., et al., (Oct. 1998) "A gene cluster for macrolide antibiotic biosynthesis in Streptomyces venezuelae: architecture of metabolic diversity," Proc. Nat. Acad. Sci. USA 95:12111-12116.	<input type="checkbox"/>
9	Xue, Y.Q., et al., (Feb. 2000) "Alternative modular polyketide synthase expression controls macrolactone structure," Nature 403:571-575.	<input type="checkbox"/>
10	Bentley S.D., et al. (May 9, 2002) "Complete genome sequence of the model actinomycetes Streptomyces coelicolor A3(2)," Nature 417:141-147.	<input type="checkbox"/>
11	KUO, M.S., et al., "Assignment of 1H and 13C NMR signals and the alkene geometry at C-7 in borrelidin," J. of Antibiotics, 42(6):1006-1007 (June 1989).	<input type="checkbox"/>

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	12	FUNAHASHI, Y., et al., "Establishment of a quantitative mouse dorsal air sac model and its application to evaluate a new angiogenesis inhibitor," Oncology Research 11:319-29 (1999).	<input type="checkbox"/>
	13	HADDAD, N., et al., "Studies towards total synthesis of borrelidin, regioselective methylation of bis-epoxides and structure determination," Tetrahedron Letters, 38(34):6079-6082 (1997).	<input type="checkbox"/>
	14	HADDAD, N., et al., "Studies towards total synthesis of borrelidin, stereoselective synthesis of the polysubstituted macrolidic part," Tetrahedron Letters, 38(34):6075-6078 (1997).	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/RCN/	Date (YYYY-MM-DD)	2007-09-06
Name/Print	Robert C. Netter, Jr., Ph.D., J.D.	Registration Number	56,422

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**